

Sophisticated, computerized forecasting with graphics.

VISITREND/ VISIPILOT

By Micro Finance Systems

VisiTrend™ software allows you to perform sophisticated business math operations on time series data such as stock prices or production figures. Operations include multiple linear regression, cumulative total, percent change, lead/lag, moving averages, smoothing and various transformations which let you create new, meaningful, time series.

VisiTrend/VisiPlot incorporates the entire high resolution charting and graphing software of Personal Software's VisiPlot™ program to let you see the relationships between your time series and to add a new visual dimension to your reports, presentations and proposals.

How You Can Use The VisiTrend/VisiPlot Program:

- ☐ Use VisiTrend for analyzing relationships between data series – oil prices and airline profits, for example.
- ☐ Use VisiTrend along with our VisiCalc™ Program to perform sophisticated projections based on VisiCalc data.
- ☐ Use VisiTrend to simplify statistical calculations.
- ☐ Use the VisiPlot portion of VisiTrend to see any immediate correlation between series; create new series with VisiTrend and plot correlations again.
- ☐ Use VisiTrend to anticipate future trends from current time series relationships.

How You Benefit:

You save time. VisiTrend can perform sophisticated – but time consuming to do by hand – mathematical business analysis.

You accomplish more. You decide on your time series analysis; VisiTrend software performs it. You spend your time examining the alternatives, not figuring them out.

You see the relationships. With VisiTrend's powerful business graphics feature (the complete VisiPlot program), you easily produce meaningful charts and graphs for analysis, proposals and reports.

Features:

- ☐ Multiple Linear Regression (forecasting)
- ☐ Cumulative total, lead/lag, percent change.
- ☐ Smoothing
- ☐ Moving Average
- ☐ Functions – perform complex arithmetic operations on two or more time series.
- ☐ Simple statistics such as mean, average, minimum, maximum – and more.
- ☐ Powerful "editor" allows you to alter your data series.
- ☐ Plus a full graphics package for charting which features: Line Charts, Area Charts, Bar Charts, Pie Charts, High-Low Chart, Scatter Chart. See the VisiPlot program for more details on graphing.

Computer Requirements:

Apple: II and II Plus with Applesoft BASIC, 48K memory and two disk drives; compatible with 16-sector format; use with or without Language System. Graphs may be printed directly to Apple Silentype, Trendcom 200, IDS Paper Tiger or NEC Spinwriter printers.

Personal Software Inc. User Assurance Plan:

Personal Software Inc. supports the purchaser of this software product with its User Assurance Plan Coverage, which includes a 90-day Limited Warranty, plus Replacement, Backup and Upgrade policies which together provide the most comprehensive software user coverage in the personal computer industry.

Other Personal Software Products:

VisiCalc, VisiPlot, VisiDex, VisiTerm, Desktop/PLAN II and CCA Data Management System.

VisiTrend Step-by-Step

DATA ENTRY/EDITING
<-, ->, SPACE BAR, OR RETURN

NAME	PER	START	END	#
XY EARNINGS	1	1964	1980	17
XY DIVIDENDS	1	1964	1980	17
XY BOOK VALUE	1	1964	1980	17
XY PE RATIO	1	1964	1979	16
BD HIGH	1	1964	1980	17
BD LOW	1	1964	1980	17
BD CLOSE	1	1964	1980	17
BD VOLUME	1	1964	1980	17
BD CLOSE.M10	10	1964	1980	17
HAL78.2%	1	1964	1980	17
NYSE78.2%	1	1964	1980	17
NYSE FUND	67	1	80	2
NYSE INDEX	67	1	80	2
LNEN SERIES				
LNONE				

Step One: Enter your data.

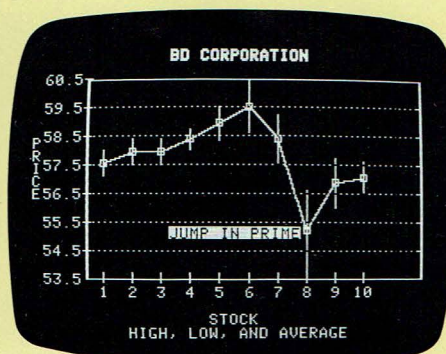
Enter time series into the powerful VisiTrend editor. You can also enter information from a VisiCalc electronic worksheet.

ENTER TRANSFORM. ->, OR RETURN
< BD HIGH + BD LOW > /2

NAME	PER	START	END	#
XY EARNINGS	1	1964	1980	17
XY DIVIDENDS	1	1964	1980	17
XY BOOK VALUE	1	1964	1980	17
XY PE RATIO	1	1964	1979	16
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BD CLOSE.M10	10	1964	1980	17
HAL78.2%	1	1964	1980	17
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Step Two: Create new time series.

New time series can be developed from mathematical combinations of two or more existing time series.



Step Three: Display graph or printout.

Your time series – either original or new – may be printed out or displayed in a highly flexible graphic format. Graphs may be stored on diskette for later printout or display.